IMPROVED π-TYPE BAND PASS FILTER

ABSTRACT OF THE DISCLOSURE

An improved band pass filter of π-type inductor is disclosed, which utilizes the serial inductor in the π as a compensating inductor, which can lower the coupling coefficient of the band pass by adjusting the inductance ratio of the compensating inductor to that of the two parallel grounded inductors. Therefore, the coupling coefficient is lowered by adjusting the inductance of the π-type inductors, avoid noise generation, and obtain optimal band pass characteristics, while miniaturizing the filter.